Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1.   (Currently Amended) An information processing system including an electronic device, a server device and an access device which accesses the electronic device, the information processing system comprising:

(A)   the electronic device including:

(A-1) an operation screen information storage part which stores operation screen information that is information to configure a screen for operating one of the electronic device and another electronic device;

(A-2) an operation screen information transmission part which transmits the operation screen information at a request of the access device;

(A-3) a device operation ~~screen~~ information reception part which honors device operation information from the access device; and

(A-4) a device drive part which operates based on the device operation information that the device operation ~~screen~~ information reception part has honored;

(B)   the server device including:

(B-1) an access information management part which has a record containing an access device identifier that is information to identify the access device, and electronic device address information that is information to access the electronic device;

(B-2) a transmission command reception part which receives a transmission command having the access device identifier from the access device; and

(B-3) an electronic device access information transmission part for transmitting electronic device access information, which has the electronic device address information

corresponding to the access device identifier contained in the transmission command that the transmission command reception part has received, to the access device; and

(c)   the access device including:

(C-1)   an access device identifier storage part which stores the access device identifier that is the information to identify the access device;

(C-2)   a server device identifier storage part which stores a server device identifier that is information to identify the server device;

(C-3)   an access request honoring part which honors an access request to the server device;

(C-4)   a transmission command transmission part which transmits the transmission command to the server device identified by the server device identifier that the server device identifier storage part stores when the access request honoring part has honored the access request, the transmission command having the access device identifier and directing transmission of the electronic device access information which is the information to access the electronic device;

(C-5)   an electronic device access information reception part which receives the electronic device access information that the server device has transmitted in response to the transmission command;

(C-6)   an operation screen information reception part which instructs the electronic device to transmit the operation screen information based on the electronic device access information that the electronic device access information reception part has received, and receives the operation screen information;

(C-7)   an operation screen display part which displays an operation screen based on the operation screen information that the operation screen information reception part has received;

(C-8)   a device operation information honoring part which honors the device operation information entered based on the operation screen that the operation screen display part has displayed; and

(C-9)   a device operation screen information transmission part which transmits the device operation information to the electronic device.

2.   (Currently Amended) The information processing system according to claim 1, wherein

the electronic device further includes:

a device operation information programming part which stores the device operation information that the device operation screen-information reception part has honored, and

the device drive part operates based on the device operation information that the device operation information programming part has stored.

3.   (Currently Amended) The information processing system according to claim 1 or 2, wherein

the access device further includes:

an electronic device access information display part which displays at least part of the electronic device access information that the electronic device access information reception part has received, and

an operation screen information transmission command honoring part which honors an input with respect to the electronic device access information that the electronic device access information display part has displayed, and

the operation screen information reception part receives the operation screen information by instructing the electronic device to transmit the operation screen information

based on the input when the operation screen information transmission command honoring part has honored the input.

4.   (Currently Amended) An electronic device used in an information processing system having an access device,

the electronic device comprising:

an operation screen information storage part which stores operation screen information that is information to configure a screen for operating one of the electronic device and another electronic device;

an operation screen information transmission part which transmits the operation screen information at a request of the access device;

a device operation ~~screen~~ information reception part which honors device operation information from the access device; and

a device drive part which operates based on the device operation information that the device operation ~~screen~~ information reception part has honored.

5.   (Original) A server device used in an information processing system including an access device and an electronic device,

the server device comprising:

an access information management part which has a record containing an access device identifier that is information to identify the access device, and electronic device address information that is information to access the electronic device;

a transmission command reception part which receives a transmission command having the access device identifier from the access device; and

an electronic device access information transmission part for transmitting electronic device access information, which has the electronic device address information corresponding to the access device identifier contained in the transmission command that the transmission command reception part has received, to the access device.

6.   (Original) An access device used in an information processing system including a server device and an electronic device,

the access device comprising:

an access device identifier storage part which stores an access device identifier that is information to identify the access device;

a server device identifier storage part which stores a server device identifier that is information to identify the server device;

an access request honoring part which honors an access request to the server device;

a transmission command transmission part which transmits a transmission command to the server device identified by the server device identifier that the server device identifier storage part stores when the access request honoring part has honored the access request, the transmission command having the access device identifier and directing transmission of electronic device access information which is information to access the electronic device;

an electronic device access information reception part which receives the electronic device access information that the server device has transmitted in response to the transmission command;

an operation screen information reception part which instructs the electronic device to transmit operation screen information based on the electronic device access information that the electronic device access information reception part has received, and receives the operation screen information;

an operation screen display part which displays an operation screen based on the operation screen information that the operation screen information reception part has received;

a device operation information honoring part which honors device operation information entered based on the operation screen that the operation screen display part has displayed; and

a device operation screen information transmission part which transmits the device operation information to the electronic device.

7.   (Original) A device control method used in an information processing system including an electronic device, a server device and an access device which accesses the electronic device, the device control method comprising the steps of:

(a)   honoring an access request to the server device by using the access device;

(b)   transmitting a transmission command to the server device identified by a previously stored server device identifier by using the access device, the transmission command having an access device identifier and directing transmission of electronic device access information which is information to access the electronic device;

(c)   acquiring electronic device address information corresponding to the access device from the electronic device access information stored, by using the server device;

(d)   transmitting the electronic device access information containing the electronic device address information to the access device by using the server device;

(e)   receiving the electronic device access information by using the access device;

(f)   instructing the electronic device to transmit operation screen information based on the electronic device access information received, by using the access device;

(g)   transmitting the operation screen information stored in response to a transmission instruction of the access device by using the electronic device;

(h)   receiving the operation screen information by using the access device;

(i)   displaying an operation screen based on the operation screen information received, by using the access device;

(j)   honoring an input of device operation information of the electronic device in accordance with the operation screen, by using the access device;

(k)   transmitting the device operation information to the electronic device by using the access device;

(l)   receiving the device operation information by using the electronic device; and

(m)   operating the electronic device based on the device operation information.

8.   (Original) The device control method used in the information processing system according to claim 7, wherein the step (m) comprises the steps of:

(n)   storing the device operation information by using the electronic device; and

(o)   operating the electronic device based on the device operation information stored.

9.   (Original) A device control method used in an information processing system including an electronic device, a server device and an access device which accesses the electronic device, the device control method comprising the steps of:

(a)   honoring an access request to the server device by using the access device;

(b)   transmitting a transmission command to the server device identified by a previously stored server device identifier by using the access device, the transmission command having an access device identifier and directing transmission of electronic device access information which is information to access the electronic device;

(c)   acquiring electronic device address information corresponding to the access device from the electronic device access information stored, by using the server device;

(d)   transmitting the electronic device access information containing the electronic device address information to the access device by using the server device;

(e)   receiving the electronic device access information by using the access device;

(f)   displaying at least part of the electronic device access information by using the access device;

(g)   honoring an electronic device access command which is an input with respect to a display of the electronic device access information by using the access device;

(h)   instructing the electronic device to transmit operation screen information based on the electronic device access command by using the access device;

(i)   transmitting the operation screen information stored in response to a transmission instruction of the access device by using the electronic device;

(j)   receiving the operation screen information by using the access device;

(k)   displaying an operation screen based on the operation screen information received, by using the access device;

(l)   honoring an input of device operation information of the electronic device corresponding to the operation screen by using the access device;

(m)   transmitting the device operation information to the electronic device by using the access device;

(n)   receiving the device operation information by using the electronic device; and

(o)   operating the electronic device based on the device operation information.

10.   (Original) A program for making a computer execute a device control method used in an information processing system, the program comprising the steps of:

(a)   honoring an access request to access a server device;

(b)   transmitting a transmission command to the server device identified by a previously stored server device identifier when the access request has been honored, the transmission command having an access device identifier and directing transmission of electronic device access information which is information to access an electronic device;

(c)   receiving the electronic device access information that the server device has transmitted in response to the transmission command;

(d)   instructing the electronic device to transmit operation screen information based on the electronic device access information received, and then receiving the operation screen information;

(e)   displaying an operation screen based on the operation screen information received;

(f)   honoring device operation information entered based on the operation screen displayed; and

(g)   transmitting the device operation information to the electronic device.

11.   (New) The information processing system according to claim 2, wherein

the access device further includes:

an electronic device access information display part which displays at least part of the electronic device access information that the electronic device access information reception part has received, and

an operation screen information transmission command honoring part which honors an input with respect to the electronic device access information that the electronic device access information display part has displayed, and

the operation screen information reception part receives the operation screen information by instructing the electronic device to transmit the operation screen information based on the input when the operation screen information transmission command honoring part has honored the input.